

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

**Date:** Thursday, April 22, 2010

**From:** Brian Kelly and Jeff Lippert, On-Scene Coordinators

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**Subject:** Continuation of Sump Construction  
Former McLouth Steel Gibraltar-Complex Site  
15701 Vreeland Road, Gibraltar, MI  
Latitude: 42.1120159  
Longitude: -83.2105050

<b>POLREP No.:</b>	3	<b>Site #:</b>	B5QW
<b>Reporting Period:</b>	3/22/10 - 4/16/10	<b>D.O. #:</b>	0039
<b>Start Date:</b>	3/2/2010	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	3/2/2010	<b>Response Type:</b>	Time-Critical
<b>Demob Date:</b>		<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>	MIN000510362	<b>Contract #</b>	EP-S5-08-02
<b>RCRIS ID #:</b>			

**Site Description**

The Former McLouth Steel Gibraltar-Complex Site is located in Gibraltar, Wayne County, Michigan; - 42 degrees°, 6 minutes", 300 seconds' latitude and 83°, 12", 0' longitude.

The Site is bound by West Jefferson Avenue to the east, Vreeland Road to the north, Canadian National North America rail line to the west, and Gibraltar Road to the south. The Frank and Poet

Drain runs north to south through the Site, between Countywide Landfill Upper and Lower and DSC Landfill Areas 1A and 1B, and eventually runs into the Detroit River. The easternmost portion of the Site is approximately 3 tenths of a mile west of the Detroit River. The Humbug Marsh, part of the U.S. Fish and Wildlife's Detroit River International Wildlife Refuge, is directly across West Jefferson Avenue from the Site.

At the request of Michigan Department of Natural Resources and Environment (DNRE), U.S. EPA is installing an upper collection system at Countywide and constructing a treatment system for the leachate. Operation and Maintenance of the treatment system will be conducted by DNRE.

This leachate resulted from the percolation of precipitation and groundwater through steel waste and construction debris and contains high concentrations of phenolic compounds, metals, and high pH.

### **Current Activities**

During the weeks of March 22 and 29, U.S. EPA continued the excavation of the pipeline trench along the western perimeter of Countywide landfill; continued to pump leachate from the standpipes and the western retention pond at Countywide Landfill; continued to weld sections of pipe; began preparing the welded pipe for placement into the trench by wrapping the pipe in dimple core and geotextile fabric; and began laying pea gravel, pipe, and backfill in the pipeline trench.

During the week of April 5, U.S. EPA continued the installation of the pipeline system by excavating the pipeline trench and placing peagravel, prepared pipe, and backfill in the pipeline trench; and continued to pump leachate from the standpipes and the western retention pond at Countywide Landfill.

During the week of April 12, U.S. EPA continued to excavate the pipeline trench and placed peagravel, prepared pipe, and backfill in the trench; continued to pump leachate, through April 15, from the standpipes and the western retention pond at Countywide Landfill; collected 14 samples from two boring locations at the DSC-Gibraltar facility and 14 samples from two boring locations at Countywide Landfill in order to determine the suitability of building the wastewater treatment plant at either of these locations.

To date, U.S. EPA has disposed of 3,244,577 gallons of landfill leachate.

### **Planned Removal Actions**

- 1) complete collection trenches,
- 2) finalize treatment system design,
- 3) install treatment system,
- 4) transition site to DNRE.

### **Key Issues**

U.S. EPA will be meeting with DNRE and Wayne County to discuss potential NPL listing of the DSC side of the project.

**Estimated Costs \***

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$1,273,802.00	\$700,571.00	\$573,231.00	45.00%
TAT/START	\$45,000.00	\$29,954.00	\$45,000.00	33.44%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$1,318,802.00</b>	<b>\$730,525.00</b>	<b>\$588,277.00</b>	<b>44.61%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

[www.epaosc.org/DSC-Gibraltar\\_Countywide](http://www.epaosc.org/DSC-Gibraltar_Countywide)